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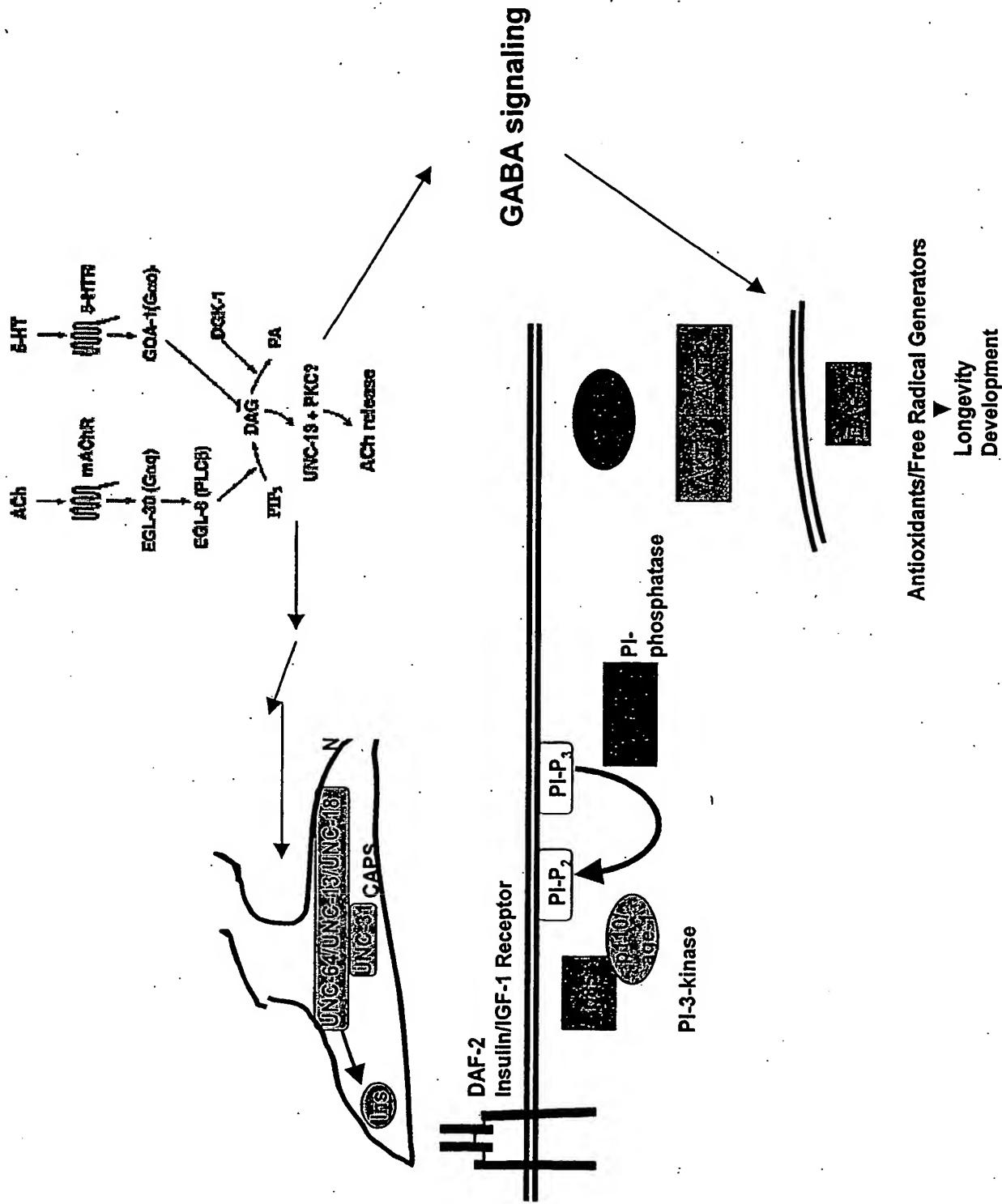
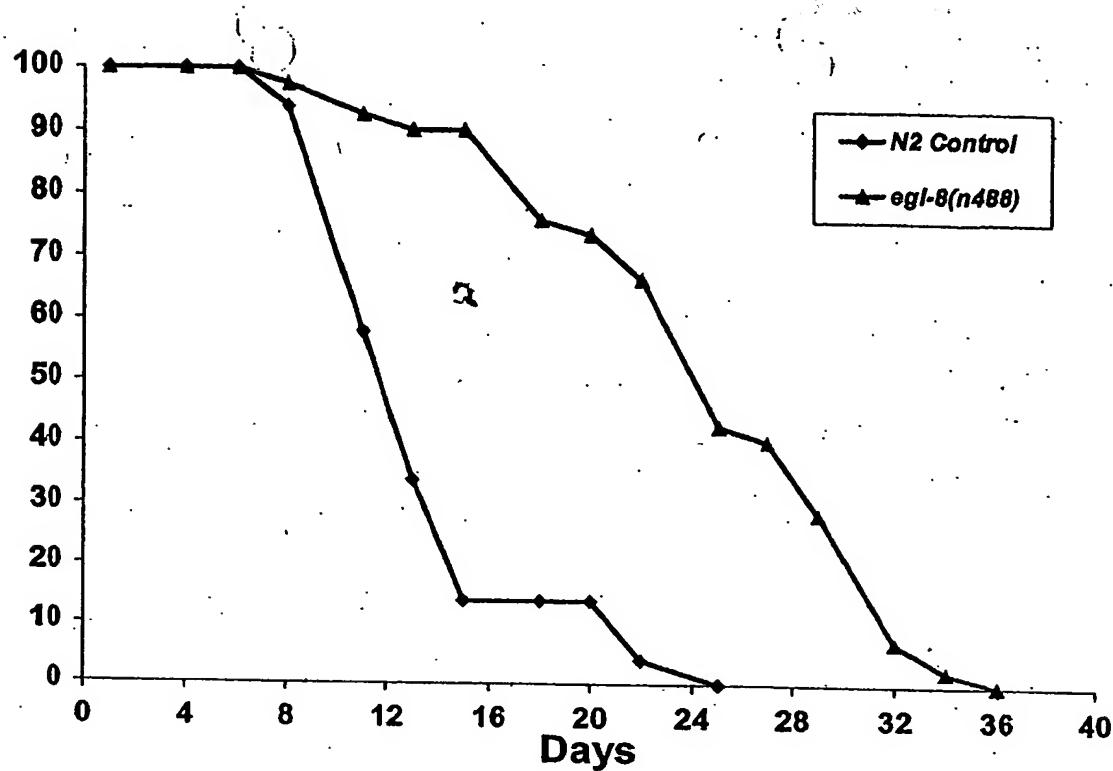
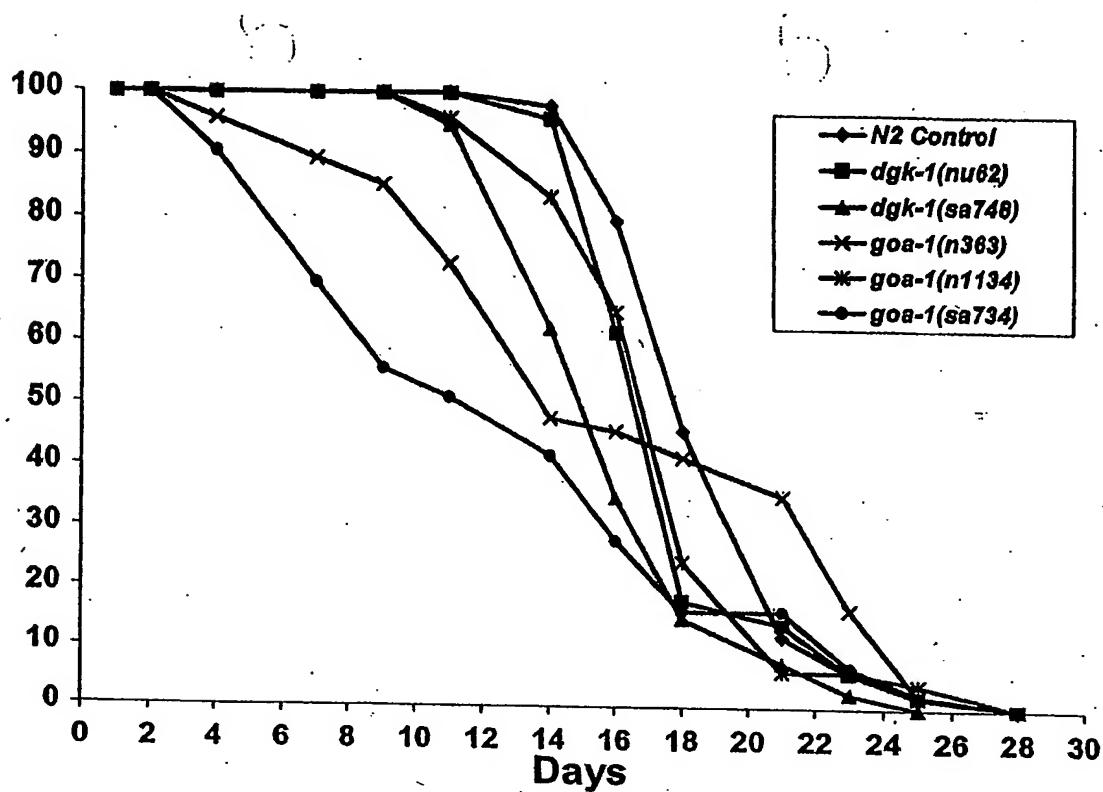


Figure 1.



N2: 13.8 ± 0.6 days
egl-8(n488): 25 ± 1.1 days

Figure 2



N2: 19.4 ± 0.4 days

dgk-1(nu62): 18.2 ± 0.4 days

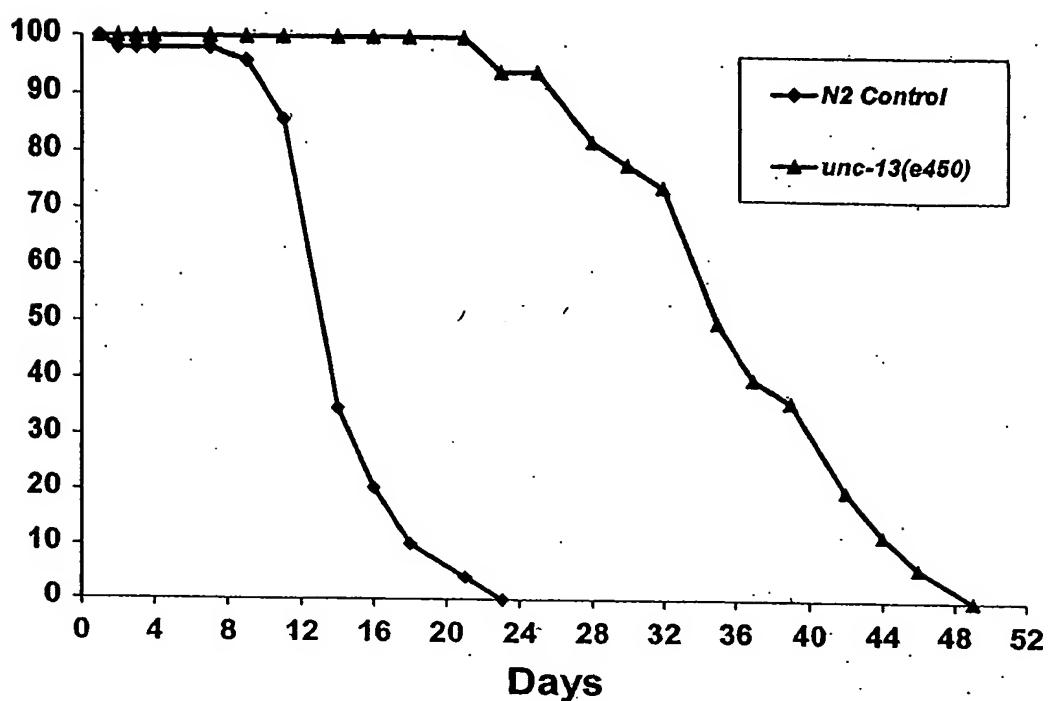
dgk-1(sa748): 16.5 ± 0.5 days

goa-1(n363): 16.8 ± 1.0 days

goa-1(n1134): 18 ± 0.5 days

goa-1(sa734): 13.2 ± 1.0 days

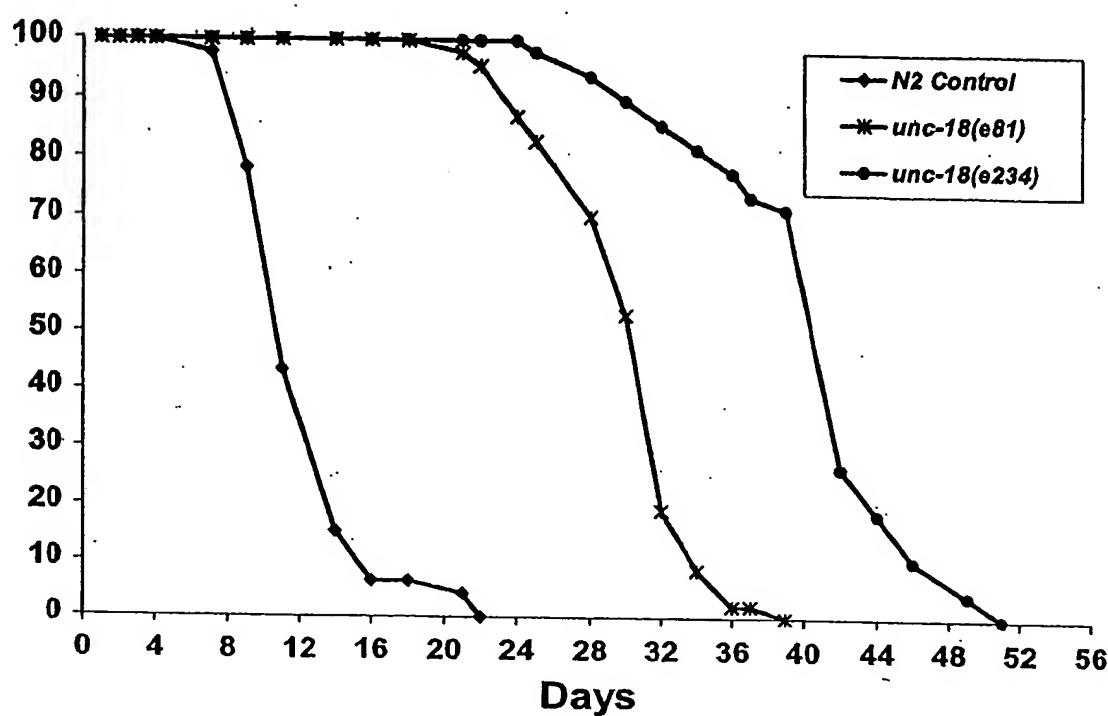
Figure 3



N2: 14.8 ± 0.5 days

unc-13(e450): 36.8 ± 1.0 days

Figure 4

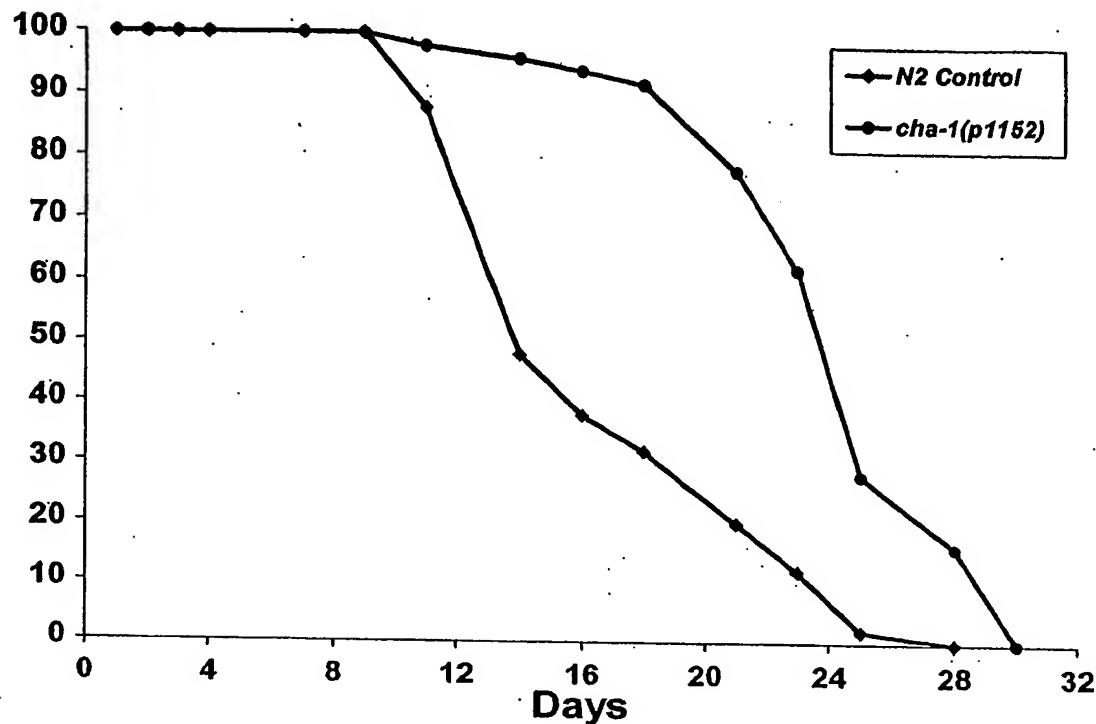


N2: 12.5 ± 0.5 days

unc-18(e81): 30.3 ± 0.6 days

unc-18(e234): 40.6 ± 0.9 days

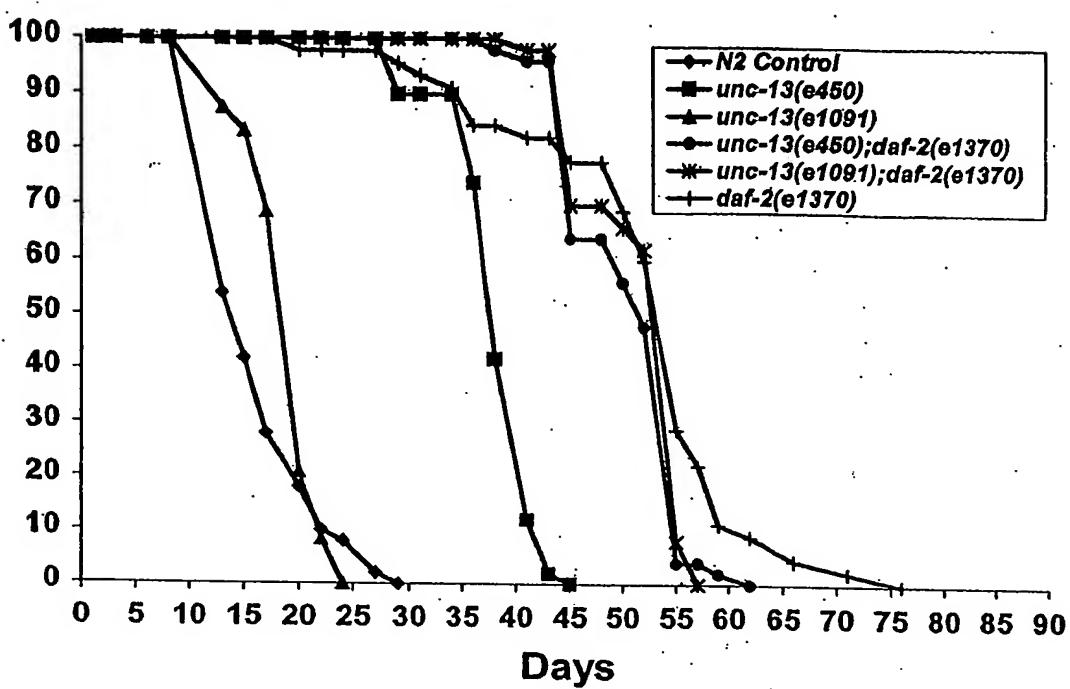
Figure 5



N2: 17 ± 0.7 days

cha-1(p1152): 24.5 ± 0.6 days

Figure 6



N2: 16.6 ± 0.7 days

unc-13(e450): 38.3 ± 0.6 days

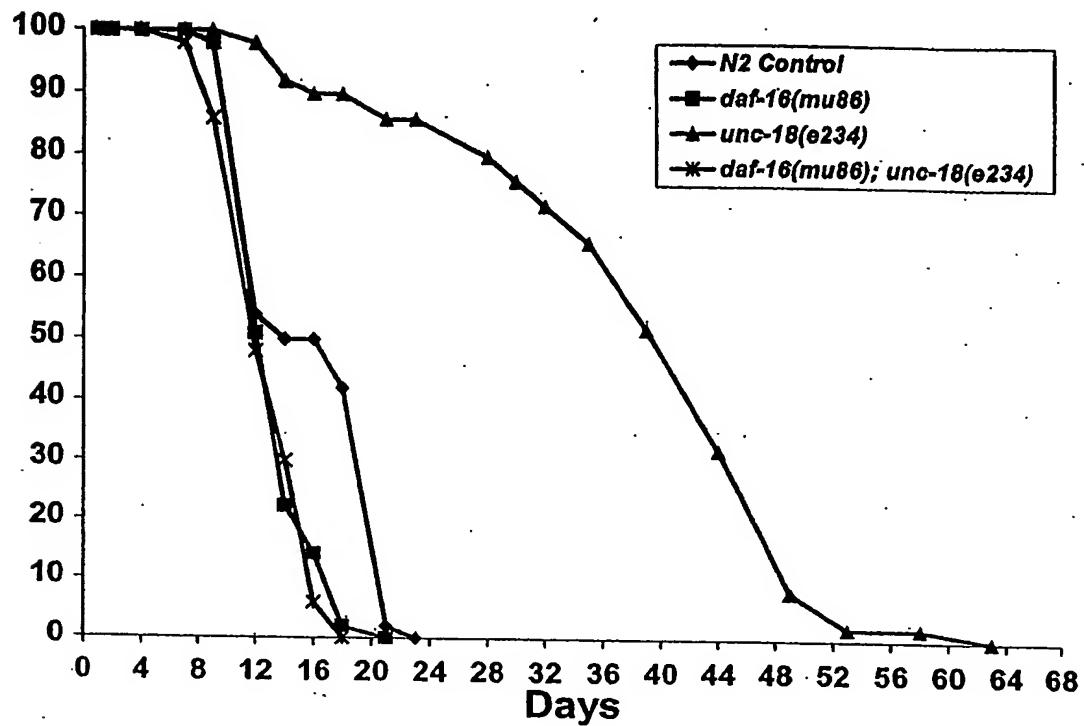
unc-13(e1091): 19.1 ± 0.4 days

daf-2(e1370): 52 ± 1.6 days

unc-13(e450); daf-2(e1370): 50.8 ± 0.7 days

unc-13(e1091); daf-2(e1370): 51.8 ± 0.7 days

Figure 7



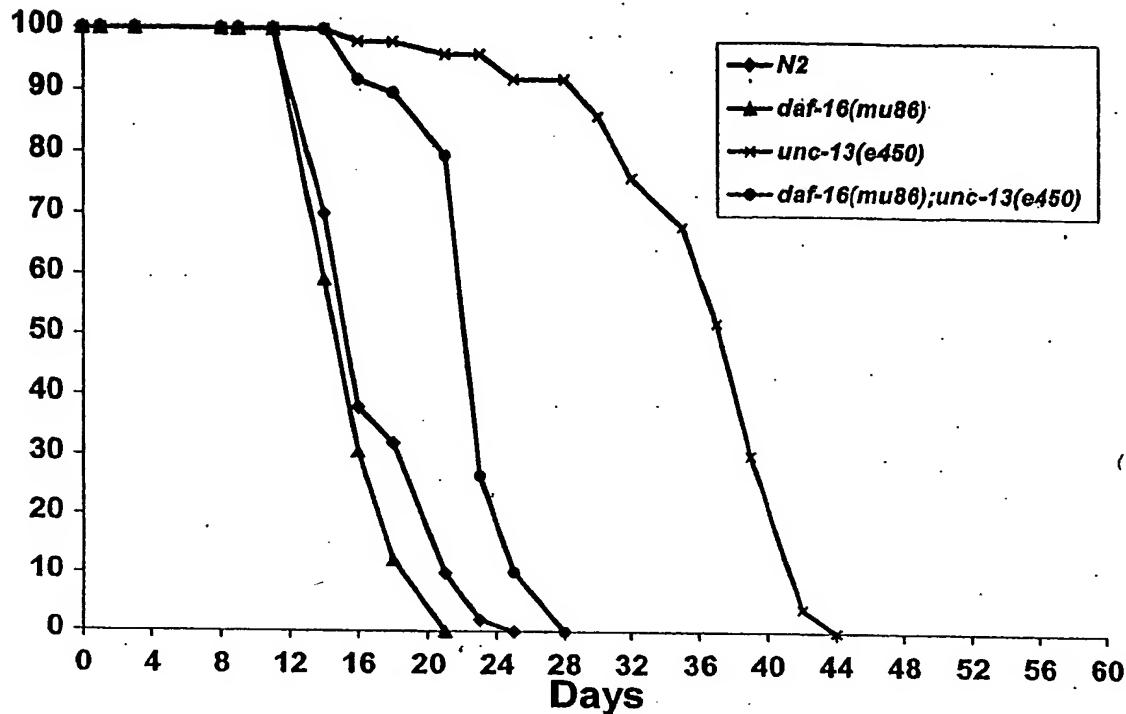
N2: 16.3 ± 0.6 days

daf-16(mu86): 13.8 ± 0.3 days

unc-18(e234): 36.5 ± 1.6 days

daf-16(mu86); unc-18(e234): 13.2 ± 0.4 days

Figure 8



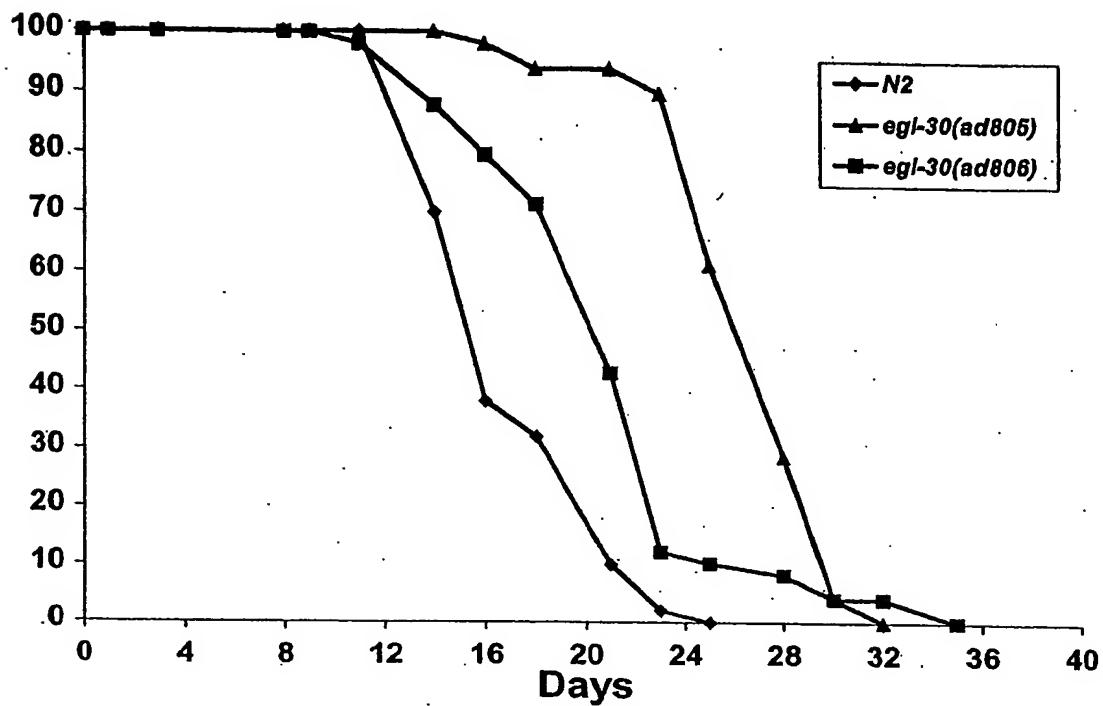
N2: 17.4 ± 0.5 days

daf-16(mu86): 16.2 ± 0.3 days

unc-13(e450): 36.7 ± 0.8 days

daf-16(mu86);unc-13(e450): 23 ± 0.4 days

Figure 9

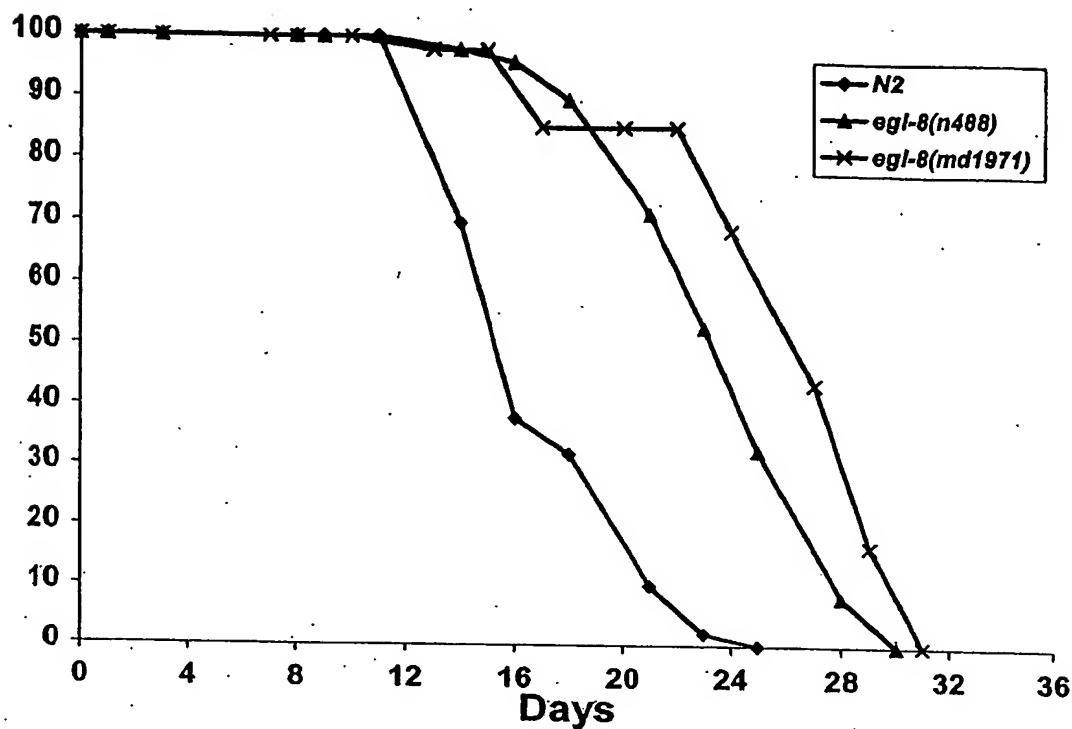


N2: 17.4 ± 0.5 days

egl-30(ad805): 26.9 ± 0.5 days

egl-30(ad806): 21.2 ± 0.7 days

Figure 10

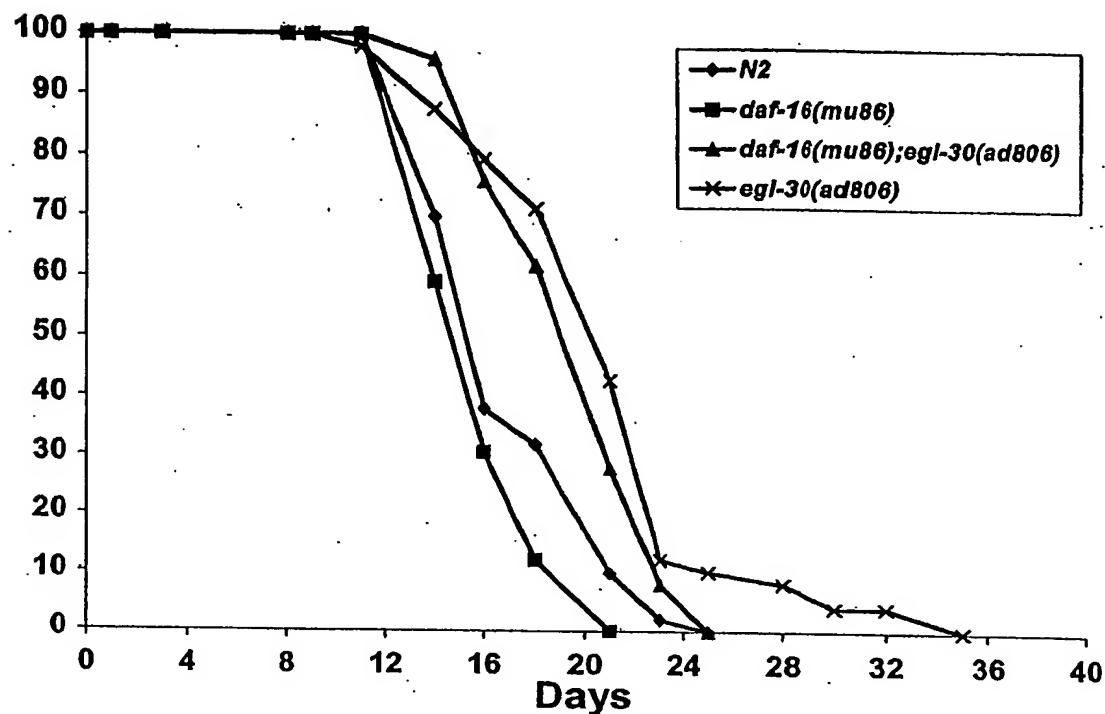


N2: 17.4 ± 0.5 days

egl-8(n488): 24.2 ± 0.5 days

egl-8(md1971): 26.2 ± 0.7 days

Figure 11



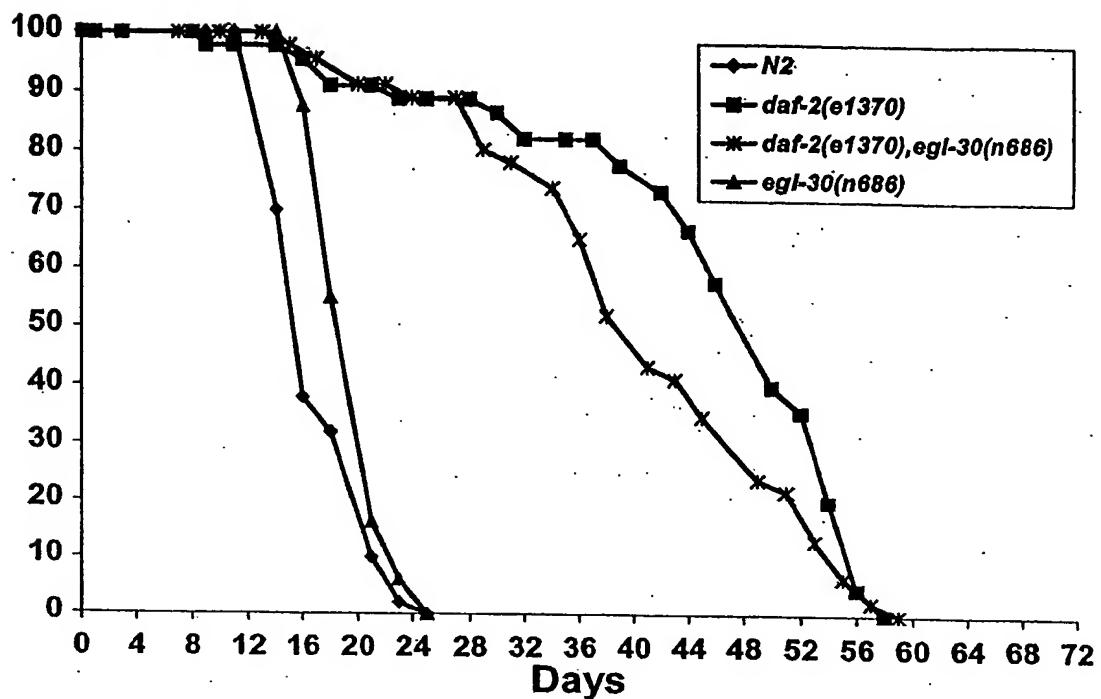
N2: 17.4 ± 0.5 days

daf-16(mu86): 16.2 ± 0.3 days

egl-30(ad806): 21.2 ± 0.7 days

daf-16(mu86);egl-30(ad806): 20.0 ± 0.4 days

Figure 12



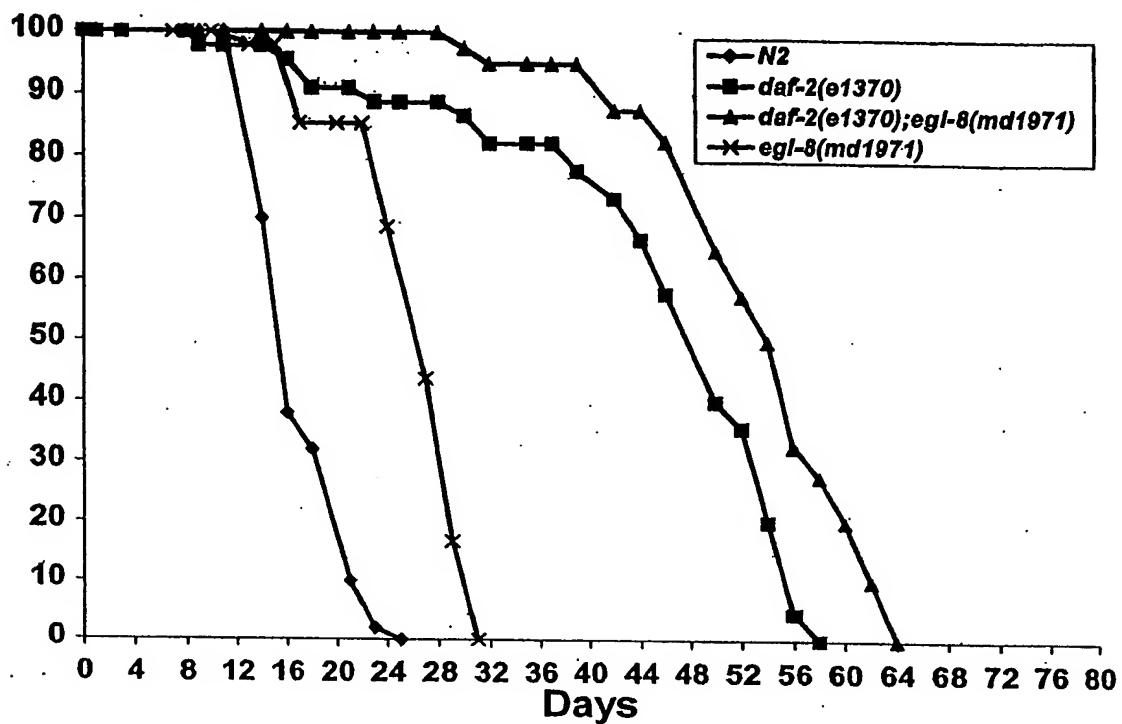
N2: 17.4 ± 0.5 days

daf-2(e1370): 45.5 ± 1.9 days

egl-30(n686): 19.9 ± 0.4 days

daf-2(e1370);egl-30(n686): 40.7 ± 1.7 days

Figure 13



N2: 17.4 ± 0.5 days

daf-2(e1370): 45.5 ± 1.9 days

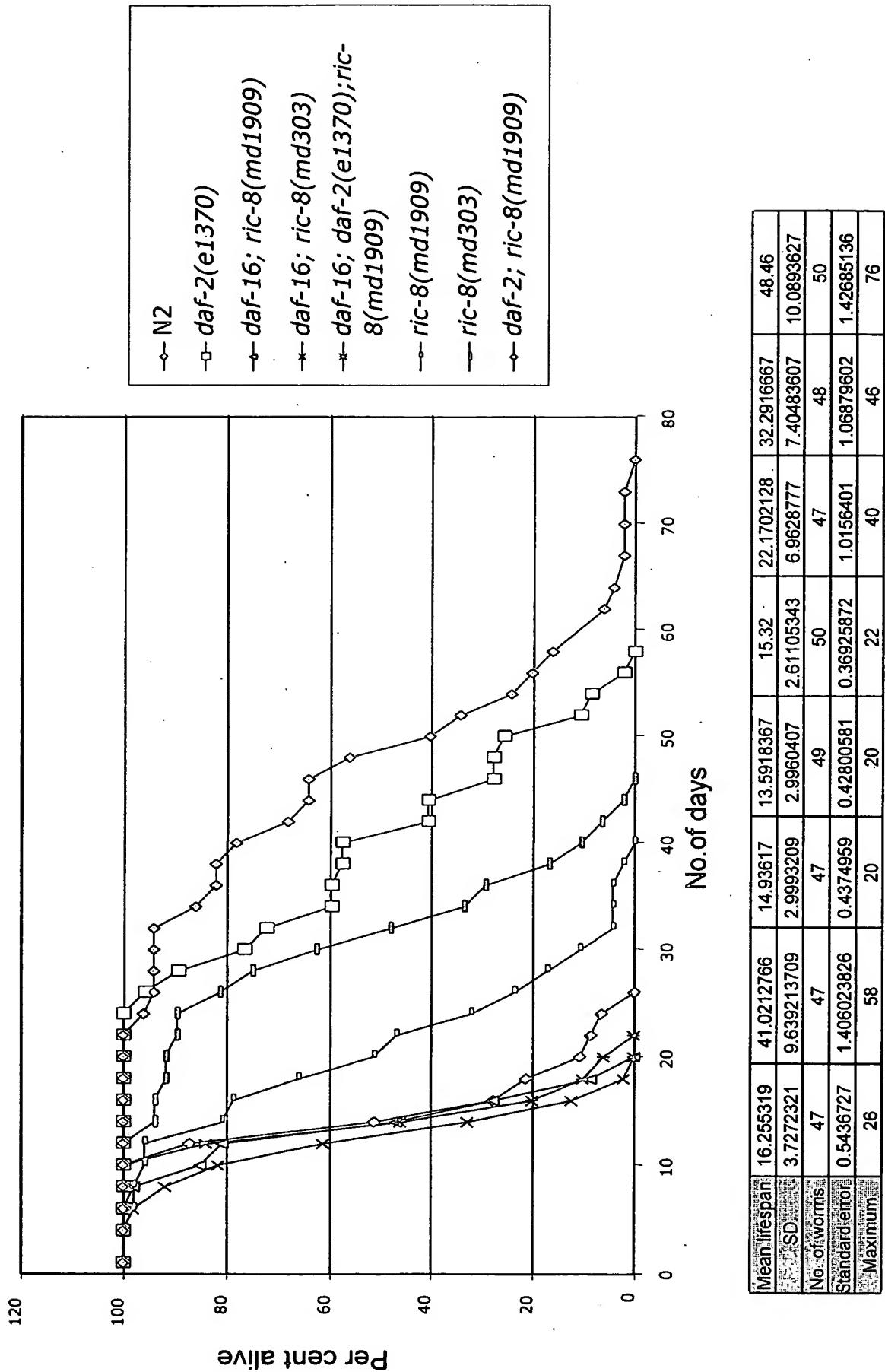
egl-8(md1971): 26.2 ± 0.7 days

daf-2(e1370);egl-8(md1971): 53.5 ± 1.3 days

Figure 14

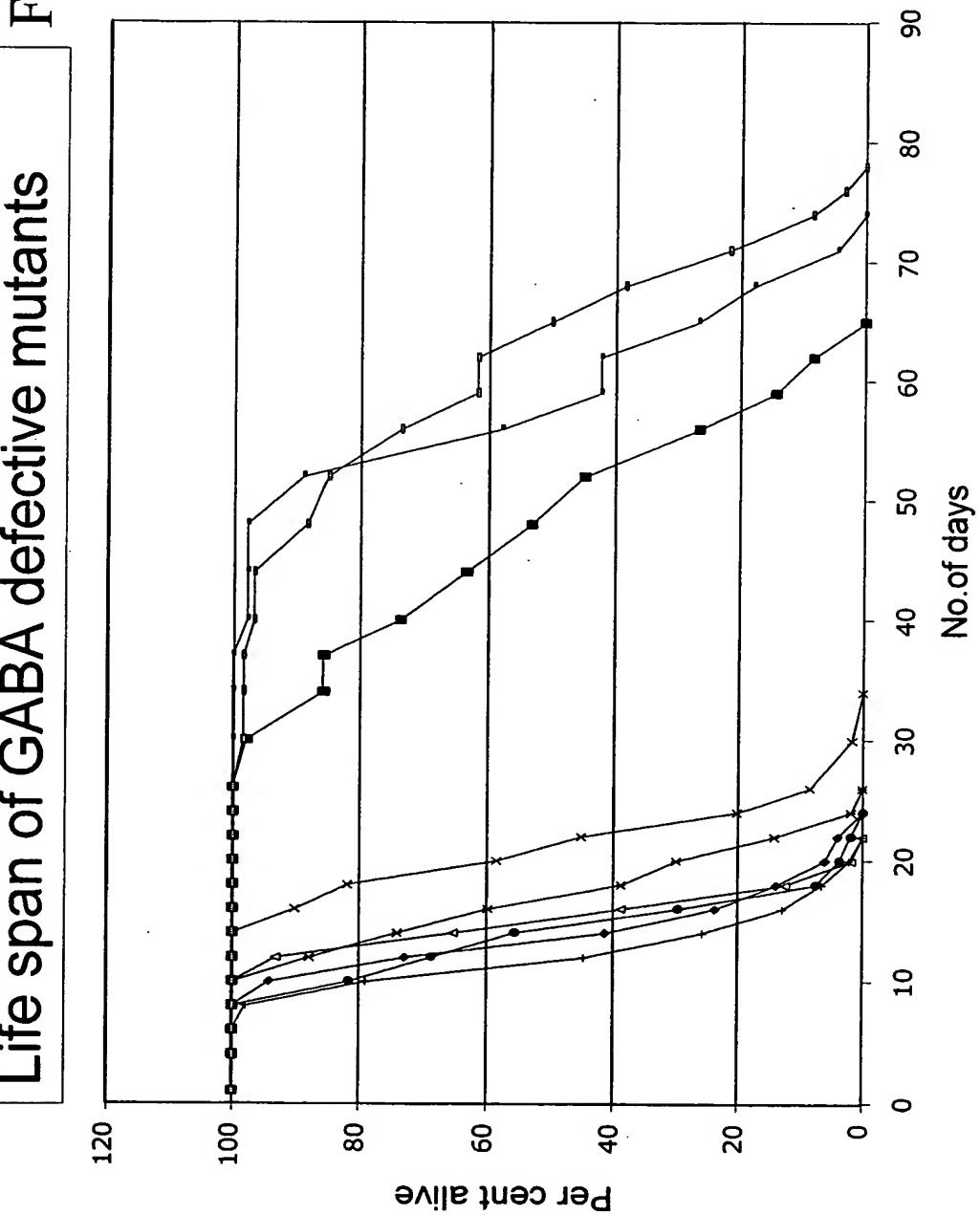
Life span of *ric-8* mutants

Figure 15



Life span of GABA defective mutants

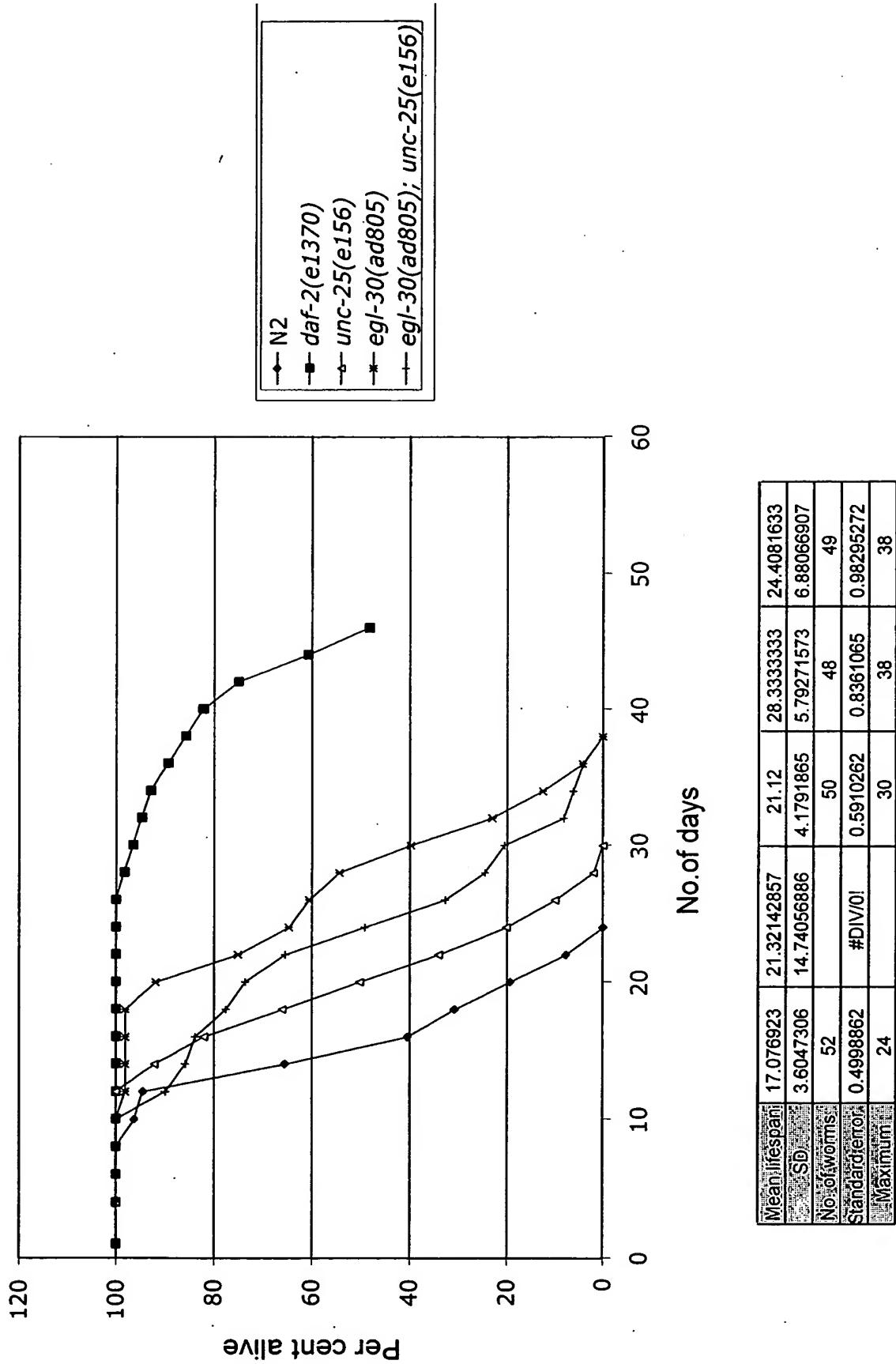
Figure 16



Mean lifespan	15.098039	49.91836735	16.210526	22.283333	18.1052632	14.962963	13.3617021	61.022222	63.93333333
SD	3.297384	9.993542271	2.3600241	3.86476246	3.95449849	3.3936922	3.0347318	4.12993355	10.1289464
No. of worms	51	49	57	60	57	54	47	45	60
Standard error	0.4617261	1.427648896	0.3125928	0.49893869	0.52378586	0.46182301	0.44266113	0.61565414	1.30764136
Maximum	24	65	22	33	26	24	22	74	78

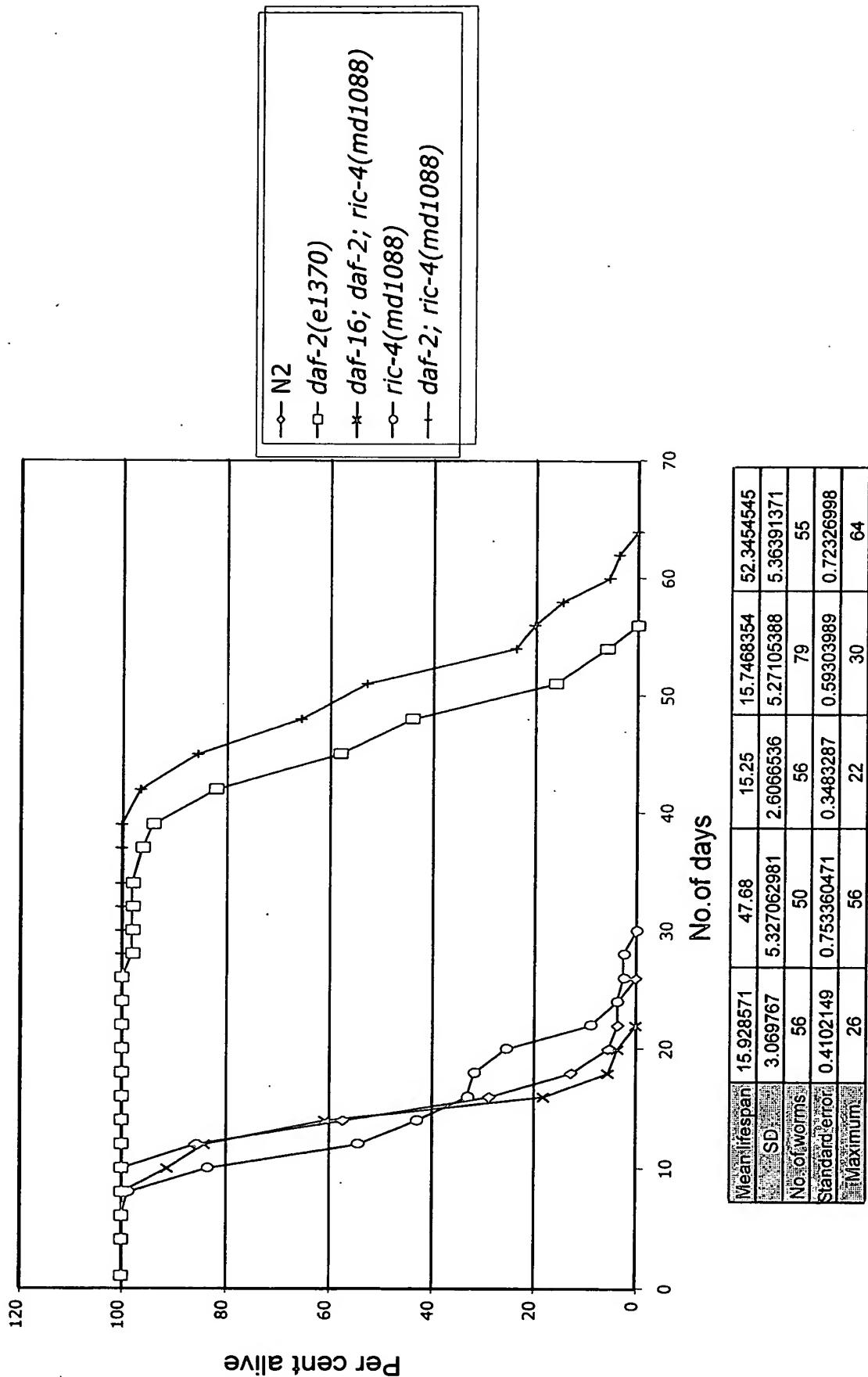
Life span of *egl-30;unc-25* mutant

Figure 17



Life span of *ric-4* mutants

Figure 18



Neurosecretory control of aging in *C.elegans*

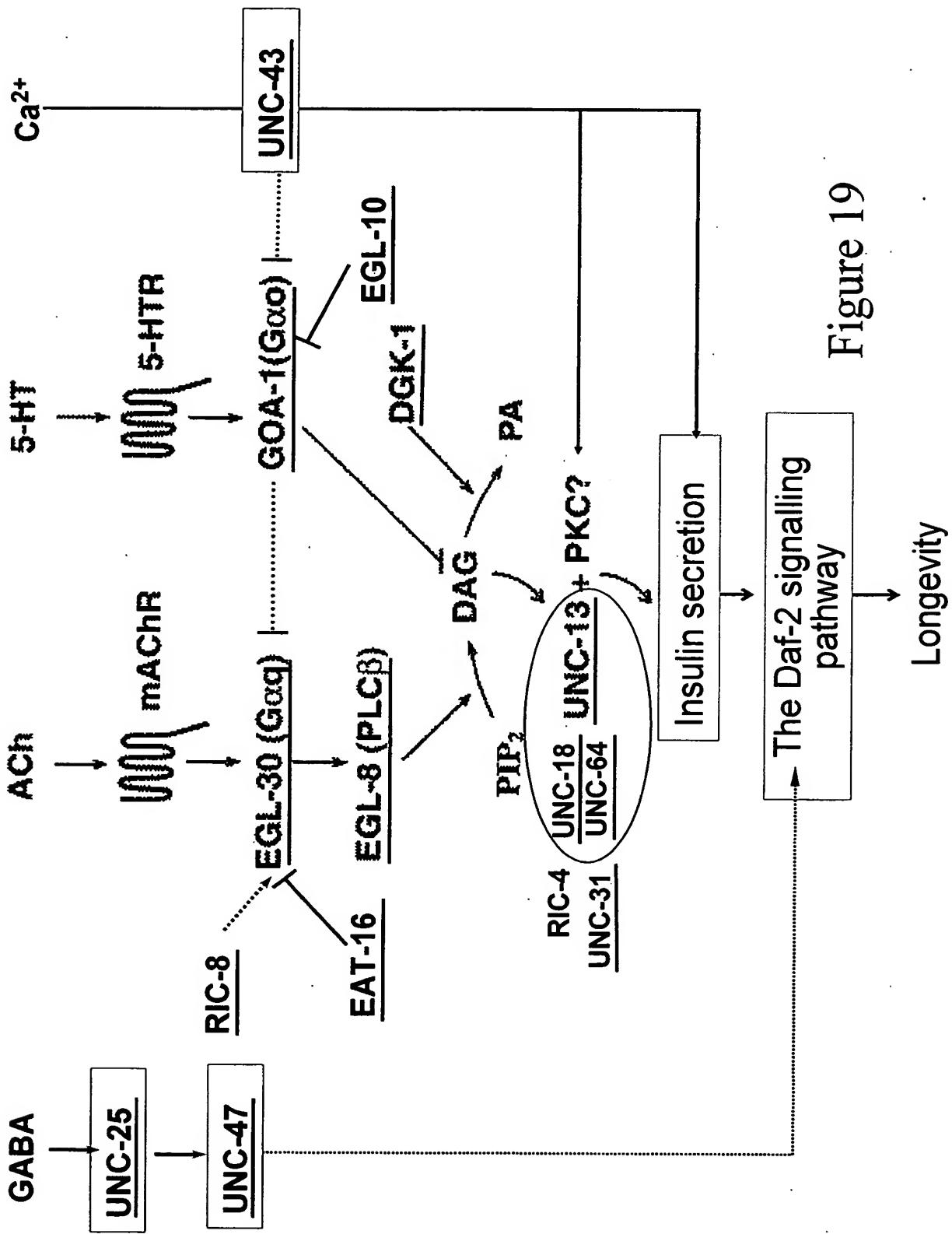


Figure 19

How many ways to live longer?

Figure 20

